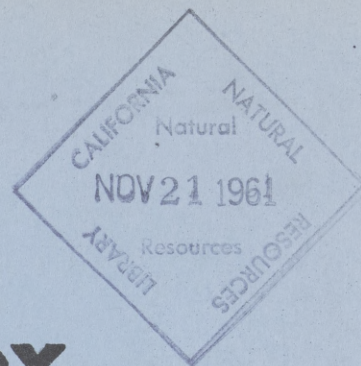


*State of  
California*

DEPT. OF NATURAL RESOURCES  
DIVISION OF FORESTRY



# NEWS LETTER

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Jan. & Feb. 1960  
Vol. 19 - Nos. 1 & 2

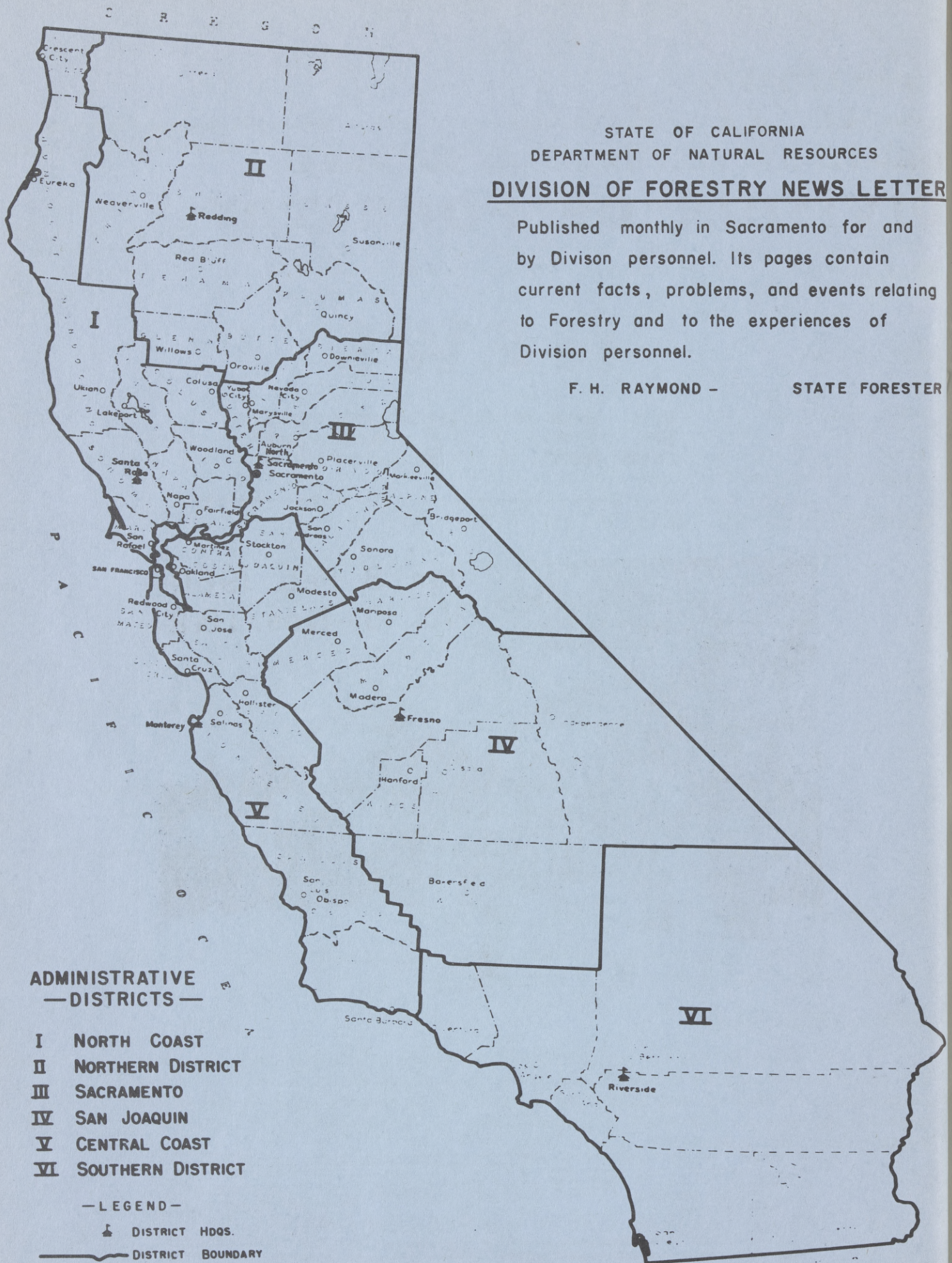




STATE OF CALIFORNIA  
DEPARTMENT OF NATURAL RESOURCES  
**DIVISION OF FORESTRY NEWS LETTER**

Published monthly in Sacramento for and by Division personnel. Its pages contain current facts, problems, and events relating to Forestry and to the experiences of Division personnel.

F. H. RAYMOND - STATE FORESTER





## JANUARY ACTIVITIES

**FIRE CONTROL - ADMINISTRATION:** The Fire Control Officer attended a meeting regarding the location of future Atomic Energy plants in California. This meeting was called by Colonel Grendon who is the Governor's appointee for atomic co-ordination.

The State Forester and representatives of the U. S. Forest Service met with principals of the major power companies in Sacramento on January 12. The purpose of this meeting was to discuss power line fire problems and to work out a program of utilities fire prevention. One of the major areas presenting potential in the fire prevention field is the furthering of co-operation between the fire control agencies and the power companies at the field operating level.

## FIRE WEATHER

Representatives of the U. S. Weather Bureau from San Francisco and Washington, D.C., met in the Fire Control office to discuss fire weather forecasting problems. From all indications, the Weather Bureau will be able to do a better forecasting job in the future due to improvements of communications equipment that will materially speed up weather information from the source to the forecaster.

## WATERSHED MANAGEMENT - PUBLIC LAW 566

The State Forester was represented at the following meetings:

1. A combined meeting in Stockton of the State Association of Soil Conservation Districts, the State Soil Conservation Commission meeting and the Soil Conservation Society of America.
2. A meeting in San Francisco of several State and Federal agencies to develop guidelines for evaluating and recommending more acceptable methods of determining the hydrologic effects of fire on Public Law 566 projects.
3. A meeting in La Mesa to review the progress of the preliminary field reconnaissance data collected on the Escondido Creek project.
4. A meeting in Ventura relative to the general orientation, policies, and procedures regarding the Ventura River project.

## FIRE CONTROL - CIVIL DEFENSE - COUNTY COOPERATION

The county of Tulare purchased twelve surplus generators for Civilian Defense use on county-financed fire trucks and pickups.

## RADIO - COMMUNICATION

To overcome the radio interference problem with other agencies, the radio repeater for the Mid-Valley Fire District was moved from Black Mountain to Balch Mountain. An inspection was made of the Loma Prieta Mountain repeater site with two members of the engineering section and three representatives of the District V Headquarters office and Santa Clara County agencies.



## FOREST FIRE EQUIPMENT

A review of a new pilot model fire truck and the revision of two others was conducted in each of the Division's six districts. The new model (Pilot #7) is a six-man crew carrier with an auxiliary powered 250 g.p.m. pump and is the first fire truck featuring an automatic transmission owned by the Division. New pumps, an electronic siren, and other accessory items to improve fire equipment were also reviewed.

## FOREST FIRE RESEARCH

The Division was represented at an Air-Ground Co-ordination Workshop held by the U. S. Forest Service in Boise, Idaho. Forest Service personnel from across the nation who were experienced in the use of air tankers and fire retarding chemicals were selected to develop materials and lesson plans for training administrative forces in the proper techniques concerning these new "tools." The State representative presented the system used by the Division of Forestry during the past two years to evaluate its use of chemical fire retardants.

Analysis of the data gathered during the experimental initial attack air tanker program in 1959 continued during the month of January. It is expected that some final results from this analysis should be ready early in February.

The following article was released to newspapers and the radio on January 22 by the Pacific Southwest Forest and Range Experiment Station:

"Forest fire researchers studying canyon winds near De Luz, about sixty miles north of San Diego, have found a clue to some of the freak winds which sometimes sweep forest fires across control lines and endanger fire fighters in Southern California.

"Finding a way to predict wind reversals in the study area was announced here today at a meeting of the Watershed Fire Council of Southern California.

"The normal wind pattern in the mountains, it was explained, is for wind to blow down the canyons at night and up canyon in the daytime. But sometimes winds in east-facing canyons shift suddenly and unexpectedly to a strong down-canyon draft in the afternoon.

"Fire research crews have been studying the mechanics and frequency of these winds shifts for the past two years. This is part of a long-range co-operative study by the U. S. Forest Service and the California Division of Forestry which grew out of similar research during Operation Firestop at Camp Pendleton in 1954.

"The researchers found that afternoon wind reversals occur in many areas. At De Luz, they occurred about one-fourth of the time last summer and fall. Research teams also learned that conditions in the lower layers of the atmosphere on the ocean side of the Coast Range were linked to the wind reversals in their study area.

"By measuring the depth of marine air, they believe they will be able to forecast the possibility of a shift to down-canyon winds with 85 per cent accuracy. The researchers are continuing their studies to find other clues that will improve the accuracy and show how to extend the method to other areas."



## FIRE PREVENTION

Service agreements and preliminary scripts were prepared for the production of motion picture films for use on television and in motion picture theaters.

Some Smokey Bear campaign materials were received and sent to the districts where such items as 1960 calendars were distributed to co-operators. Roadside sign structures throughout the State were renovated and made ready for the 1960 season. Fire prevention training program plans were firmed up by district and staff training personnel so that a concerted program will begin early this year.

Voluntary display of co-operation by some large industrial users of wildland areas directed toward fire prevention resulted in conferences with Division personnel during the month. Power organizations, railroad companies, and lumbering interests were leaders in this co-operative effort.

## LAW ENFORCEMENT

Three cases were processed to the office of the Attorney General for review and collection of suppression costs. These were civil suppression cases.

The Attorney General has transmitted to the Division of Forestry \$8,800.99 collected for suppression costs on four fires.

Two cases were closed out by the Division because liability was not established.

## FOREST PRACTICE

Amendment of the Forest Practice Rules for the South Sierra Forest District were submitted to the Board of Forestry at its meeting in Sacramento on January 14. The Board tentatively approved the amended rules and set a hearing date for February 25 for adoption.

The North Sierra Forest Practice Committee held a public hearing near Redding on January 19 and a committee meeting in Burney on January 29 in connection with developing proposed amendments to its rules. It is contemplated that these amendments will be first heard by the Board of Forestry on February 25.

The State Board of Forestry in Sacramento on January 14 approved an alternate plan for the Russ Cattle Company for some 700 acres of timberland in Humboldt County. This plan permits using a clear-cutting system in harvesting Douglas fir and leaving reserved blocks of seed trees for restocking cut-over lands.

## STATE FORESTS

Durable Fir Lumber and Plywood Company of Calpella was the successful bidder on a sale of 7.115 million board feet of timber from the Jackson State Forest in Mendocino County. Bids were opened January 14, 1960. Durable bid \$34.55 per thousand board feet for all species. The sale contains 70% redwood, 30% Douglas fir and minor amounts of white fir and hemlock. This is the highest price ever bid for timber from the Jackson State Forest. The sale will return about \$245,800.00 to the General Fund. The timber is located in the North Fork of Big River Unit of the Forest. The over-mature trees are selectively marked. The cutting should result in increased growth and satisfactory regeneration in the residual stand.



A "scaling" school for present and prospective State Forest scalers was held at Jackson State Forest headquarters in Fort Bragg the week of January 18-22. The next timber sale on this Forest will be sold by net Scribner "Decimal C" scale on a long-log basis. This change in scaling practice should result in more accurate volume determinations of the logs sold from the property. Sacramento administration, District, and Jackson Forest personnel co-operated in agenda preparation and instruction. About twelve men participated in the training session.

#### PEST CONTROL

The bark beetle damage potential in 1960 with suggestions for counter measures was presented to the State Board of Forestry by the Pacific Southwest Forest and Range Experiment Station. California faces catastrophic loss of timber from bark beetle attacks on at least ten per cent of its commercial forest land. It is expected this loss will approach two billion board feet. Areas where the hazard is most serious include the Burney-Lassen-Hat Creek country, Grass Valley-Nevada City, Bass Lake-Miami Mountain, and in Southern California, the San Jacinto and Laguna Mountains. Action that could be taken now to help reduce the potential is to alert public and private land managers of the current situation and its potential; intensify and strengthen detection surveys; and to activate standard control measures. Research is providing help with a new residual-type insecticide called Lindane. The results have shown it has reduced Ips population in large logging slash accumulations. Knox Marshall, Chairman, California Forest Pest Control Action Council, presented what action has been taken to meet this explosive condition. Steps have been taken to increase sanitation-salvage logging to reduce insect populations. The Station issued a factual summary of the situation. This summary, with a cover letter from the Council, has been distributed to timber operators, tree farmers, and members of private forestry associations. A press release has been issued by the Council which was distributed as widely as possible. The program for the Sierra Cascade Logging Conference to be held in February will feature bugs and burns. Some direct control projects are already in operation with the possibility of additional zones of infestation being submitted for approval by the Board of Forestry. The zones will mean additional direct control projects.

#### CHRISTMAS TREES

A report of Christmas tree utilization for the period 1949-1959 was presented to the State Board of Forestry. The report was based upon the annual survey by the Division of wholesale and retail Christmas tree lots throughout California just prior to Christmas. California is the largest Christmas tree market in the nation with 3.5 million trees offered for sale annually. Over 85 per cent of these trees are imported from other states. The average utilization during 1949-59 has been 85 per cent with a low of 77 per cent in 1953 and a high of 93 per cent in 1954. The 1959 survey revealed an 85 per cent utilization with the lower utilization appearing in the Central Valley market. A preliminary report of 1959 truck shipments into California collected at border checking stations by the State Department of Agriculture and compiled by the Division of Forestry showed that 1,106,000 trees came in over highways; a 19 per cent increase over 1958.

#### NURSERY

Sales of forest nursery stock at the Division's four nurseries have been progressing at a rapid rate, and inventories of several species are either exhausted or are nearly so. The number of trees shipped or ordered amounted to 456,000, bringing the season's total to date to 2,600,500. Present inventories indicate about 1,500,000 trees remain to be sold before the end of the season in mid April. A member of the State Forester's staff spoke before the California Christmas Tree Growers' Association at its winter meeting in Redwood City, discussing forest tree planting and the Division's nursery program.



## REFORESTATION

A member of the State Forester's staff met with Division field personnel and representatives of one of the larger northern Sierra timber owner-operators at the Company's Red Bluff offices. Preliminary plans were laid to conduct reforestation studies on an old burn on the company's land in Butte County. A similar meeting was held with representatives of a timber owner-operator in the central Sierra to plan reforestation studies in that area. A portion of the Company's land in Calaveras County burned during the 1959 fire season will be used for the studies. One hundred acres will be treated; half incorporated in reforestation studies being developed by Division personnel, and half reforested by the company. Eight members of the ten-member Advisory Committee to the State Forester on Reforestation Methods and Procedures were reappointed for a second two-year term. Two members were unable to accept reappointment, and to fill the resulting vacancies the State Forester appointed the forester for the California Redwood Association and the forest engineer for the Western Pine Association.

## EMERGENCY REVEGETATION

A report on Emergency Revegetation was presented to the Board of Forestry on January 15. This report covered the 1959 activities and a summary of field studies from three Southern California projects.

## SOIL-VEGETATION SURVEY

The Soil-Vegetation Survey display was exhibited at the annual meeting of the California Association of Soil Conservation Districts in Stockton, January 11-14.

## PUBLIC RELATIONS

In the interest of co-ordinating work in the fields of brushland range improvement and aid to woodland owners, the Division of Forestry and the University of California Agricultural Extension Service conducted regional interagency meetings in Riverside, Paso Robles, and Fresno on January 12, 14, and 15. Three additional meetings are scheduled for Northern California in February. These meetings should prove helpful in a better understanding of the role of each agency in these wildland management programs.

## COVER PAGE

George Little carries a spare as he makes a regular inspection of the more than 200 similar fire extinguishers strategically located throughout the Squaw Valley area.

## SMOKEY THE BEAR REACHED RUSSIANS

Recently when a group of Russian dancers was performing in the United States, a radio reporter overheard an odd sound coming from the open door of their dressing room. As he walked past, he glanced in and saw a half dozen Russian male dancers chanting, in unison, the phrase, "Only you can prevent forest fires!"

The reporter could only guess that the dancers, in traveling about the country, had picked up the line and were using it to try to improve their English.

Texas Forest News - 1959



## A TRIBUTE TO SQUAW VALLEY

Site of the VIII Olympic Games - February 18-28, 1960  
State of California, Department of Natural Resources, Division of Forestry

PLANNING

PROGRAM

PERSONNEL

PERFORMANCE

POST OLYMPIC PARTICIPATION

---

"I hereby declare the VIII Winter Olympics of 1960 ended."

In substance this was the official closing of the 1960 Squaw Valley Olympics as stated by Avery Brundage, President of the International Olympic Committee, at the conclusion of this memorable event which will leave an indelible impression in the minds of many people -- those present and those viewing the ceremony over modern-day television facilities.

February 28, 1960, climaxed a period of sixteen months for the VIII Olympic Squaw Valley Fire Department which was operated by the California Division of Forestry. Beginning in October, 1958, it lent distinction to the Division and a feeling of a job well done for the time and efforts which had been put forth in planning, program, selection of personnel, and performance. It is a tribute to the individuals who undertook the task of making it a sound and safe operation. An operation which was successful because of the knowledge and experience that went into its planning and became a part of its daily routine.

Direct responsibility for its success rests with the individuals who were so closely related with its planning and operation:

Fred M. Dunow, Deputy State Forester, Central Sierra District III, veteran Division employee of approximately thirty years and who was aware of the deep responsibilities attached to such an assignment.

W. "Mike" Brock, State Forest Ranger, Placer Ranger Unit, with headquarters in Auburn, a veteran of 25 years' service with the Division and who took the assignment and responsibility in stride as expected of a veteran employee.

Richard A. "Dick" Groninger, Associate State Forest Ranger and "Chief" in charge of the Squaw Valley Fire Department, also a veteran and with the Division for many years and who volunteered for the assignment and was selected from other candidates because of his ability and experience.

Orville A. Ingram, Assistant State Forest Ranger and "Assistant Chief", an employee of the Division for eighteen years, twelve of them in Schedule "A" or structural fire fighting assignments.



The nine-man crew selected from Division employees who had volunteered for the assignment consisted of:

<u>Name</u>	<u>Location</u>
Howard E. Henry	Gridley, Butte County
Lynn R. Gilbert	Auburn, Placer County
Charles Giles	Auburn, Placer County
Jesse Enlow	Modesto, Stanislaus County
Geno Toschi	Madera, Madera County
Darrell C. Campbell	Willits, Mendocino County
Jack Badertscher	Fresno, Fresno County
George Little	San Andreas, Calaveras County
Jon H. Kogsrud	La Habra, Orange County



Front Row: Campbell, Ingram, Giles, Toschi, Gilbert, Kogsrud  
 Back Row: Groninger, Brock, Henry, Little, Dunow, Enlow, Badertscher

The keynote of success which characterized the entire operation can be briefly summed up by stating that everyone concerned, realized the degree of responsibility which was placed on them and their desire and willingness to perform and function in a highly satisfactory manner with credit to the Division of Forestry.



Realizing that a major fire could have serious effects on the entire Olympic program, those responsible concentrated their efforts on fire prevention. This consisted of three scheduled fire inspections daily with two-man patrols inspecting structures and installations. In addition, there were special inspections in areas of high-fire risk and hazard. Extinguishers and hydrants were periodically checked for mechanical or "human" failure or defects.



Toschi and Enlow pumping out a hydrant to insure against freezing

Over 200 fire extinguishers were located in strategic places; thirteen fire hydrants were located throughout the area in a plan so that two would be available to service any one building; six manual alarms were placed in the halls of each three-story dormitory building housing Olympic participants and other personnel; fourteen fire emergency phones were placed throughout the Olympic Village; fire telephones were placed on outside entrances of the four dormitories and were connected with the switchboard located in the fire station -- these automatically flashed in the fire station switchboard designating which building the alarm came from regardless of what conversation took place afterwards (no interpreter needed).

Forestry contracted with the California Disaster Office to provide two fire trucks both of which are triple combination structural type units equipped with pumps with pumping capacities of 1,000 g.p.m. and a full complement of tools and equipment for fire fighting purposes. During the games, this equipment was supplemented by a Forestry type 4-wheel drive fire truck equipped with a 250 g.p.m. Mid-Ship pump and a full complement of fire hose and equipment necessary for fire fighting purposes. Additional equipment includes a fire hose drier, one Division



of Forestry 4-wheel drive pickup patrol unit, one 4-wheel drive Jeep patrol unit, one Division of Forestry 2-wheel drive pickup patrol unit, one Division of Forestry sedan, one California Disaster Office rescue truck, and 6 handi-talkie radio units, a resuscitator unit, a smoke ejector unit, smoke masks, special ladders, and other specialized equipment.



The Squaw Valley installation consists of approximately 35 structures, half of which are major and the remainder minor. Included are the buildings and ski tows of the Squaw Valley Development Company which were under lease to the Olympic Organizing Committee during the month of February while the athletes were in training and the games were being held. The total value of the structures involved is somewhere in the neighborhood of \$15,000,000.00. The Squaw Valley Drainage of some 5,000 acres of wildlands was included for fire protection purposes under an agreement with the U. S. Forest Service with the thought in mind that any major fire occurring within this Drainage under adverse weather conditions would be a threat to the Olympic Village.

Mutual aid pacts were drawn up with the U. S. Forest Service, Truckee, Kings Beach, and the Tahoe City Volunteer Fire District. This flow of mutual aid back and forth has proven advantageous to all groups. Several disastrous fires were controlled at an early stage which prevented them from becoming major conflagrations.

At 1:30 on the afternoon of February 7, 1959, a fire was discovered on the 2nd floor of one of the dormitories being readied for use during the Olympic trials. Division personnel responded promptly. The damage was confined to the area surrounding a storeroom on the second floor and to general smoke damage throughout the 2nd and 3rd floors. The heat generated during this fire was so intense that it melted the light fixtures and broke the outside windows at the



far end of the halls over 100' from the source of the fire. If immediate action had not been taken by skilled firemen to suppress the fire, this building would have been a total loss in less than thirty minutes and the dormitory to the north, which was in the direction of the prevailing wind, would have likewise been ignited by heat radiation and also lost. The damage to the second and third floors, as the result of this fire, was estimated to be approximately \$10,000. Loss of either or both of these dormitories would have seriously handicapped and possibly prevented the Games from taking place. These buildings are valued at approximately \$325,000 a unit.

They also participated in ten other fires. Three fires were mutual aid with the Truckee and Tahoe City Departments.

The resuscitator team of the fire department responded to six calls and saved five lives by their prompt action.

There have been numerous small structural fires in and around the Olympic Village and also a number of wildland fires that have been extinguished by the Division personnel.

Through mutual aid, the department responded to a sawmill fire in Truckee which was in progress under a heavy north wind and threatening the entire town. Through the combined efforts of the fire departments responding, they were able to hold the fire to the sawmill plant itself. They also responded on mutual aid to several fires in the Tahoe City Fire Protection District.

Likewise, these departments were prompt in backing up our personnel on fires in the Olympic area.

An amazing feature during the entire period of the games was the fact there were no resuscitator calls placed with the "Fire Department", (even during the exciting ice hockey game when the United States defeated Russia by a score of 3-2). No fires occurred during this period.

The "Games" are over, but there is still a job to be done. The entire "crew" worked without days off during the "Games." (You lucky people). Now starts the CTO, vacation, and preparation for an orderly transition to "Post Olympic Game" operation. What the future of the Division of Forestry will be in Squaw Valley is still to be determined. The pre-Olympic and active Olympic Games job is a credit to the entire organization which made it successful. Dunow, Brock, and others are anxious to continue the fire protection job they started.





Fire prevention means more than inspection of equipment to Campbell, Little, Toschi, and Enlow who seem to enjoy explaining the C.D.F. roll in fire protection to a charming guest.

"Chris" Christensen (left) head of the Olympic Ski Patrol and "Dick" Groninger Chief of the Squaw Valley Fire Department have much to remember as the VIII Winter Olympics came to an end.



Comments from various members of the employees assigned to the responsibility ranged from: "I'm looking forward to some time off"; "I want to go where I can play golf year-round (Groninger); "I like it here and so does my family (Ingram); "Boy I can't wait to leave this place (anonymous); "We'll all have a get together to celebrate the anniversary on February 28, 1964." All of them, however, were unanimous -- including Dunow, Groninger, Brock, Ingram, and the fire crew that they should start an "Innsbruck, Austria, in 1964 campaign" which would enable all of them to meet again at the scene of the IX Winter Olympics as the original VIII Winter Olympics Squaw Valley Fire Department. Any suggestions?

Gene Bertsch (unofficial observer)



#### GUNNAR FORSSBECK OFFICIAL AT OLYMPICS

Gunnar Forssbeck, Assistant Civil Engineer in the Sacramento Office, spent two weeks of his vacation at the Olympics as a member of a team of officials for the cross country races. His job required that he proceed under his own power by skis to a station up to six miles from his quarters where he spent as much as 16 hours a day checking on the ski course and reporting by phone when each racer passed his station. In this activity he was able to talk to numerous competitors and foreign officials.

Gunnar reports that his "vacation" was filled with interesting events. One involved a Japanese contestant on a practice run who, after some time, was able to indicate that he wanted to know where he was. Gunnar, who is good at Swedish, fair at English, and poor with sign language, finally stamped the location by numbers in the snow with ski poles. This information satisfied the skier who smiled broadly and went merrily on his way.

Needless to say, Gunnar will remember this vacation for a long time although he was happy to get back to the comparatively mild routine of life in the Engineering Section.

#### CONSERVATION CITIZENSHIP AWARD

A special "Conservation Citizenship Award" was presented to the Boy Scouts of America by Secretary of Agriculture Ezra Taft Benson in ceremonies at 3 p. m. February 9 in the U. S. Department of Agriculture auditorium, Washington, D. C.

The efforts of Scouts to protect and improve the Nation's natural resources during the past fifty years will be honored when Dr. Arthur A. Schuck, Chief Scout Executive of the Boy Scouts of America, New Brunswick, New Jersey, receives the award in behalf of the Nation's Scouts and Scouters.

The text of the "Conservation Citizenship Award" citation:

"The United State Department of Agriculture honors the Boy Scouts of America for outstanding conservation citizenship.

"Through their continuing conservation programs, the Boy Scouts have made noteworthy contributions to the conservation of our Nation's natural resources. They are helping their fellow-Americans to know, appreciate, and practice one of the prime essentials of good citizenship -- the wise use, protection, and improvement of our God-given heritage of soil, water, forests, grasslands, and wildlife."

The citation will be signed by Secretary Benson.

Fifty Explorer Scouts, one from each of the States, will take part in the ceremony. They have been chosen to represent Scouts of their States here during the Annual Boy Scout Week observance February 7-13, and in recognition of the Fiftieth Anniversary of Boy Scouts in the United States being observed this year.

Ronald Morio Matsuda, of Gardena will represent California.

U.S.D.A. Office of Information  
January, 1960.



REDWOOD EMPIRE ASSOCIATION'S 40th ANNUAL CONVENTION SET FOR  
SANTA ROSA OCTOBER 27

The 40th annual convention of the Redwood Empire Association is tentatively scheduled to be held at the El Rancho Santa Rosa, October 27-29, according to REA Committee Chairman Paul W. Poulos.

Organization of this year's important conclave will be in the hands of the Sonoma County host committee and Carney J. Campion, appointed general manager of the association March 4 to succeed Clyde Edmondson. The retiring general manager is leaving the post he held for more than 34 years upon the advice of his physicians, but is being retained as consultant.

Campion, who will resign as secretary-manager of the Redwood Conservation Council, is scheduled to assume his duties with REA on April 1.

The newly appointed general manager of REA expressed the opinion that he believes the Redwood Empire is on the threshold of an explosive expansion and development program.

The Executive Board of REA pointed out that Campion, with a fine background of public relations work and a close acquaintance with the Redwood Empire area and its leaders, can be expected to cope successfully with the complex problems brought about by a burgeoning growth of the Empire's population and economy.

Gratification over the selection of a Sonoma County site for the convention was expressed by Leland J. Guglielmetti, Sonoma County vice president, and Thomas P. Ludcke, chairman of the publicity and advertising committee; Directors Charles W. Reinking, Everett Lampson, Harry S. Graham, and J. K. Westerterp, president of the garage and service station unit.

These REA officials played important roles in the selection of Santa Rosa for the convention.

Ukian Journal - March 8, 1960

LETTER TO STATE FORESTER FROM CARNEY CAMPION

"To you and members of the Division of Forestry, the RRCC wishes to pay particular thanks for the continued help and cooperation received in the conduct of our annual Junior Logging Conference.

"At our annual meeting in Eureka, January 29, 1960, the assembled group, by resolution, extended to members of your organization our appreciation for their sustained and substantial aid in making the JLC such an effective institution within the region.

"There are many from whom we seek counsel and assistance and members of the Division have always given us the fullest cooperation. This holds true from Deputy State Forester C. W. Fairbank, right on through the personnel of the entire district. In actual conduct of the conference, on instructional and organizational matters, we wish to commend William Mann, Ranger of Mendocino County; Assistant Rangers Emery Escola and Gene Cummings and Jackson State Forest Manager, Jean Sindel.



"In adopting this resolution it is our hope and intent that we express to you and the men of your organization our appreciation for their genuine interest and support of this conference project. It is participation that we value; participation that lends immeasurably to the success we are able to enjoy.

"With best personal regards.

s/ Carney J. Campion  
Secretary Manager  
Redwood Region Conservation Council"

LETTER FROM G. S. CHANDRAS OF BOMBAY STATE, INDIA, TO MAURICE A. MACHRIS, LOS ANGELES

"I am taking this opportunity to write to you with a request to utilize your good offices in introducing me some of the enthusiastic and young Forest Officers in your country who would be equally keen and happy to enter into correspondence with me for the purpose of exchange of knowledge and information.

"It will be kind of you if you could send me a couple of booklets on the wild life in Calif, and also a few good photographs which you might have taken of the wild animals in India.

"Hoping to be excused for troubles, and with my best wishes I thank You in anticipation.

s/ G. S. Chandras  
B. Sc. (Hons) A.I.F.C.,  
Divisional Forest Officer  
South Chanda Division  
At & Post Chanda  
District: Chanda  
Bombay State. India "

NOTES ON HUMIDITY PATTERNS AT SOUTH HAWKINS LOOKOUT

The U. S. Weather Bureau in Los Angeles recently published a detailed statistical report on "Notes on Humidity Patterns at South Hawkins Lookout" by George R. Ellis, Fire-Weather Forecaster, U. S. Weather Bureau, Los Angeles International Airport. Excerpts from this technical report are as follows:

"A knowledge of the behavior of relative humidity at mountain locations is important to fire-weather forecasters who must include humidity in their forecasts of forest areas. Because the hygrograph trace at South Hawkins Lookout situated at an elevation of 7,782 feet in the San Gabriel mountains of Southern California exhibits markedly the irregularities characteristic of exposed mountain stations, it has been studied in some detail. The most striking feature of the humidity trace at South Hawkins is its lack of regularity and absence of diurnal rhythm. The daily temperature curve, although not having the amplitude of one at lower altitudes, is well defined. But in contrast to the reflected humidity curve characteristic of low-level stations, there is little relationship between temperature and relative humidity, and there are no obvious periodicities in the latter. It has long been noticed that the lowest humidities at South Hawkins frequently occur during the night or the early morning. The forecaster working with mountain-top humidities may feel at a loss in not having the normal reciprocal relationship with temperature to help him. The extreme variability in time and lack of any significant diurnal rhythm also augment the difficulty."



Mr. Ellis goes on to compare the readings taken at South Hawkins Lookout with readings taken during the same period from two other locations in Southern California: Tahquitz Peak Lookout in the San Jacinto mountains, and Strawberry Peak Lookout in the San Bernardino mountains, both approximately the same distance from the ocean and its marine air influence as South Hawkins. While unpredictable changes in relative humidity were not so marked at these latter two lookouts as they were at South Hawkins, there was a relatively high degree of correlation among all three peaks. Mr. Ellis continues his paper by saying:

"The conclusion is that, as erratic as the humidity changes are, they are the result of large-scale influences. The general problem of forecasting high-altitude humidities at stations such as South Hawkins appears to be one of Synoptic meteorology, involving the tracking of moist and dry tongues as they are transported and distorted by the atmospheric circulation, with the additional problem of relative humidity changes occasioned by vertical motion caused either by the mountain barrier or by atmospheric processes. Subsidence undoubtedly plays a large part in the production of the very low humidities frequently observed at South Hawkins.

"At present, due to the coarse upper-level observation network, the tracking of moisture flow can be done only in a crude way by the use of conventional techniques. There appears to be little possibility of a degree of refinement that would allow predicting the short-period erratic fluctuations seen on the South Hawkins Hygrogram - important as such knowledge might be should there be a fire in the area. The more realistic objective must continue to be, by means of study of upper winds and soundings as well as surface observations, to anticipate the large-scale surges of moisture which influence high-level stations, as well as the evaluation of subsidence and other non-advective processes."

As noted by Mr. Ellis, this information should not be taken as final nor as applying to a broad area at this time. Further studies will probably permit the weather Bureau to be more positive in their ability to forecast these changes in relative humidity and to apply the forecasts to a broader area. Similar studies made in other parts of the world have led Mr. Ellis to believe that this same condition may apply elsewhere.

#### KNX's GEORGE WALSH ANNOUNCER OF THE YEAR - Don Page's choice for the best of 1959

George Walsh is known to all of you as the Forest Ranger - Forest Officer, etc., in most of our motion picture productions for television.

"George Walsh, Announcer of the Year, is one of the outstanding all-around announcers in local radio. He is possibly the best at interviews, conducting them at the highest, most intelligent standards. Walsh does everything from public service announcements to comedy. He serves as commentator for KNX's 'This Is Los Angeles' program."

RADIO BEAT by DON PAGE

Los Angeles Times, Sunday, January 3, 1960.

#### PERSONNEL CHANGES

As a result of State Personnel Board action, George Phibbs was appointed by split-off to the new State Forest Ranger III class in the Tulare Ranger Unit. His name was inadvertently omitted with the other rangers listed in the last News Letter.



The following appointments and transfers have been authorized and completed since the last News Letter was released:

George H. Ryder promoted to Forestry Work Project Supervisor, District I Mobile Camp, from Assistant State Forest Ranger-Lead Dispatcher, Mendocino Ranger Unit, effective January 26, 1960.

Jean T. Couste promoted to Forestry Work Project Supervisor, Oak Glen CDC Camp, District VI, from Assistant State Forest Ranger, Coarsegold Conservation Camp, Madera County, effective January 26, 1960.

Charles W. Rowland promoted to Forestry Work Project Supervisor, District II Mobile Camp, from Assistant Forestry Superintendent, Parlin Fork CDC Camp, Mendocino County, District I, effective January 26, 1960.

William Shafer transferred to Assistant Forestry Superintendent, Conservation Camp, Ben Lomond CYA Camp, District V, from Assistant State Forest Ranger, San Luis Obispo, effective February 1, 1960.

William A. Ensbury transferred to Assistant Forestry Superintendent, Conservation Camp, Plum Creek, Tehama County, from Assistant State Forest Ranger, Siskiyou Ranger Unit, effective February 1, 1960.

Thomas S. Holland, promoted to Assistant Forestry Superintendent Conservation Camp, Rainbow Conservation Camp, from Forestry Work Project Foreman, Minnewawa Conservation Camp.

Jesse Brower, promoted to Assistant Forestry Superintendent Conservation Camp, Folsom-Beaver Conservation Camp, from Forestry Work Project Foreman, Vallecito Conservation Camp.

George R. Lebel transferred to Assistant State Forest Ranger-Lead Dispatcher, Santa Clara Ranger Unit, District V, from Assistant State Forest Ranger, same ranger unit.

Vernard L. Stoops transferred to Assistant State Forest Ranger, District V, Santa Cruz Ranger Unit, from Assistant State Forest Ranger, San Benito Ranger Unit.

Frank Wood promoted to Assistant State Forest Ranger, District IV, Madera Ranger Unit, from Forest Firefighter Foreman, Tulare Ranger Unit, effective February 1, 1960.

James Fox promoted to Assistant State Forest Ranger, Calaveras Ranger Unit, from Forestry Equipment Operator, El Dorado Ranger Unit, effective February 1, 1960.

Leo R. Stout promoted to Assistant State Forest Ranger, District I Sonoma Ranger Unit, from Forest Firefighter Foreman, Shasta Ranger Unit, effective February 1, 1960.

Elwood Banks promoted to Assistant State Forest Ranger, San Luis Obispo Ranger Unit, District V, from Forest Firefighter Foreman, same ranger unit, effective February 1, 1960.



James B. Harrison promoted to Assistant State Forest Ranger, District II, Lassen-Modoc Ranger Unit, from Forestry Work Project Foreman, Magalia Conservation Camp, Butte County, effective February 15, 1960.

Richard M. Cowardin promoted to Assistant State Forest Ranger-Dispatcher, District II, Siskiyou Ranger Unit, from Forestry Work Project Foreman, Magalia Conservation Camp, Butte County, effective February 15, 1960.

Edward T. Dowling promoted to Assistant State Forest Ranger, District II, Lassen-Modoc Ranger Unit, from Forestry Work Project Foreman, Shasta Ranger Unit, effective February 15, 1960.

Loren Baldwin promoted to Assistant State Forest Ranger-Dispatcher, District I, Lake County Ranger Unit, from Forest Firefighter Foreman, Riverside Ranger Unit.

John McAdoo promoted to Assistant State Forest Ranger, District V, San Benito Ranger Unit, from Forest Firefighter Foreman, Santa Clara Ranger Unit, effective March 2, 1960.

Fred R. Croom promoted to Assistant State Forest Ranger, Orange County Ranger Unit, from Forestry Work Project Foreman, Oak Glen CDC Camp, San Bernardino County, District VI, effective February 15, 1960.

Donald W. Conarro promoted to Assistant State Forest Ranger District III, Amador Ranger Unit from Forest Firefighter Foreman, Riverside Ranger Unit.

Fred H. Fuller appointed TAU Forestry Graduate Trainee, District IV Headquarters, Fresno, effective February 8, 1960.

Donald W. Paulsen appointed TAU Forestry Graduate Trainee, District III Headquarters, Sacramento, effective February 25, 1960.

All Forestry Work Project Supervisors in all camps were successful in passing the transfer examination to Forestry Superintendent Conservation Camp. The effective date of transfer is February 1, 1960.

The following changes were made in the Sacramento-Administration Office:

Floyd W. Waklee promoted to Associate Equipment Engineer, Fire Control Section, from Forestry Equipment Engineer, effective February 1, 1960.

Frank Gentry was appointed TAU Engineering Aid II, Engineering Section, effective February 23, 1960.

George E. Sweeney was appointed Law Enforcement Coordinator, Division of Forestry, Fire Prevention Section, effective March 1, 1960.

LETTER TO RANGER JOSEPH SPRINGER FROM TED GUMBLE, ASSISTANT DIRECTOR, HUMBOLDT COUNTY CIVIL DEFENSE OPERATIONAL AREA COORDINATOR

"Words cannot express my appreciation, the appreciation of the Office of Civil Defense, and the most wholehearted appreciation of the people of Humboldt County for the prompt and unhesitating manner in which facilities and manpower of your agency were thrown into the fight during the disastrous flood of February 8, 1960.



Many families will never forget the urgently needed assistance so generously given during that period of evacuation and rehabilitation of their homes.

"I wish to express special thanks for the outstanding efforts of Assistant Ranger Harry Pritchard, who in a most humane and masterful manner directed the Division of Forestry personnel and so ably coordinated between your Department and Civil Defense. A special paragraph must, I feel, be devoted to the outstanding work not only in his acting as my Deputy CD Administrator for the Weott area during the flood, but also for the proven and outstanding work in organizing and coordinating the local community Civil Defense organization for the Weott Eel River area. I cannot speak too highly of Mr. Heilbronn's administration of the Civil Defense organization, assisting and coordinating with the American Red Cross and so successfully coordinating into a successful operation, the efforts of all the various agencies and departments involved, including the National Guard Mission Assignments in the Weott Operations Area.

"Again with most wholehearted thanks, I remain,

"Sincerely  
s/ Ted Gumble"

LETTER TO RANGER J. C. SPRINGER FROM GLEN BLAIR OF WEOTT, CALIFORNIA

"On behalf of ourselves and our fellow citizens, we wish to thank you and your personnel for the assistance you gave to the people of our community during the recent flood.

"We appreciate each act of kindness, and hope this thought may be conveyed to each of your men who participated in the operation."

RANGER SPRINGER RECEIVED THE FOLLOWING LETTER FROM THE PEOPLE OF MYERS FLAT

"The prompt appearance of State Forestry personnel and equipment to give assistance in the flood crisis of February 9th is greatly appreciated by the people of Myers Flat. It is heartening to know that we have such neighbors to rely on in an emergency.

"We wish to express to you our deepest gratitude for your wonderful cooperation."

LASSEN COLLEGE REVISES FORESTRY PROGRAM

Dr. Leonard Pourchot, Director of Lassen College in Susanville, California, is pleased to announce that beginning with the fall semester of 1960 the college will alter its 25-year old program in forestry. Providing students with the basic know-how to do technical forestry jobs when they graduate, has been, and will continue to be, Lassen's forestry curriculum objective. The major change being initiated this coming fall is the switch over from the unit type course, which is concentrated study of one subject for a given number of weeks at three hours per day, to the usual semester length course. This change, coupled with greater allowance for full days of field work where required, will give Lassen a program more closely aligned with other curriculums of the ranger-school type in the United States.

A unique feature of the Lassen ranger-school program is the close coupling it achieves with the other academic subjects taught at the college. The new plan



has to options. The first option places the students with a satisfactory high school record in forestry classes 6 hours per day, five days per week, for one year. During the second year the forestry students take their general academic requirements for the Associate of Arts degree. At the completion of the second year the graduating forester receives a Forestry Certificate and the Associate of Arts degree. The second option is designed for those students having a high school record weak in mathematics, English, and science. These students will be placed in the academic program for one year to meet their requirements for the Associate of Arts degree and better prepare themselves for the more technical phases of the forestry program the following year.

Harry Mosher, head of the forestry department feels that this revised program will turn out a better trained technical forester; one trained to do many of the routine technical jobs now done by 4-year graduates. In expectation of increased enrollment in the new program, an additional teacher will be added to the forestry staff when it begins in September, 1960.

If approached for information relative to the school and entrance requirements, Division of Forestry personnel should advise prospective students to write directly to: Registrar, Lassen Junior College, Susanville, California.

#### NEWS ITEM FROM GRASS VALLEY UNION

Lou Gunter, Assistant State Forest Ranger, selected "Young Man of Year" on conservation, civic, youth group.

In recognition of his unheralded achievements in his chosen vocation, community endeavors and youth activities, all without fanfare or accented public notice, the Grass Valley Junior Chamber of Commerce Saturday night named Louis Edmon (Lou) Gunter, Jr., Assistant Ranger of the Nevada City Headquarters of State Division of Forestry, Nevada County's 1959 "young man of the year."

Leonard Prisk, president of the Grass Valley Chamber of Commerce and past president of the local JCC, reviewed the many qualifications of the honoree and presented Gunter with the traditional silver cup trophy at the Distinguished Service Award dinner in the Bret Harte Inn banquet room. More than 35 JCC, wives, city and county dignitaries attended the dinner and ceremony.

Lou's career with the California Division of Forestry began in 1948 as a seasonal fire fighter and in 1954 he received a permanent appointment. In 1956 he was transferred to Nevada City and at the same time advanced to the rating of an Assistant State Forest Ranger.

He is currently the president of the Nevada City Lions Club; vice chairman of the Sacramento-Tahoe Forest Forum, secretary of the Nevada County Conservation Council; neighborhood commissioner of the local Boy Scouts of America and a senior leader of the Shady Creek 4-H group. He is very active in the St. Canice Parish of the Nevada City Catholic Church, a member of the Banner Mountain Post No. 2655, Veterans of Foreign Wars and is a "worker" in the Nevada City Elementary school Parent Teachers Association of which his wife Marilyn is president.

A careful methodical and effective administrator Gunter is best known for his quiet but productive work with the 4-Hers, Boy Scouts, community projects and service to conservation of the area both in his job and his affiliated posts in the forum and council. His pet project at the present time is the county dump problem



south of Grass Valley the correction of which the Nevada County Conservation Council is actively pursuing.

Fred M. Dunow, Deputy State Forester

#### EL DORADO RANGER UNIT

We're Mighty proud - two of our fire truck drivers completed their sessions at the Central Sierra Training Center with excellent records - Jerry Hales of our Mt. Danaher FFS led his class while Ivan Phillips of our El Dorado FFS was only one notch behind by taking the second-place spot in his class. Congratulations, Jerry and Ivan!

It's our private opinion we have some sort of a record holder in Gary Blecke, an El Dorado Unit fire fighter who came out from Minnesota January 21st for the sole purpose of taking the fire truck driver examination. No doubt at all that he's interested, is there?

This Lonnggg fire season just ended brought some personnel changes. Ranger Bob Carey and Associate Ranger Everett Fox were succeeded by Jack Burke and Jim Warford. (Jack was promptly initiated on our 380-acre Scott fire.) A farewell party for Bob and Everett had a long wait but we finally made it January 16th. Bill "Shop Foreman" Swansborough emceed the ceremonies, much to the surprise of some and the delight of all. (The varied talents of our crew continue to unfold before Jack's eyes.)

The 1959 fire season was one we won't soon forget. Our busiest day was October 30 when we started the day with only four fire trucks available of our normal eight. High velocity winds started 5 fires, 3 by broken power lines and 2 by sawmill burner escapes. Two more man-caused fires later in the day raised our total to 7 fires, but all were controlled the same day - thanks to prompt aid by crews from neighboring Ranger Units, the Training Center and local volunteer crews.

Our neighbors on the El Dorado National Forest experienced much greater problems with their Camp 7 Fire (9,500 acres) and Ice House Fire (18,580 acres). Both came too close to us for comfort, both burning up to and stopping on the protection boundary - except a spot fire from Camp 7 which burned 400 acres on our side of the American River.

V. E. Cassell  
Assistant Ranger-Dispatcher

LATE FLASH!! Congratulations to Jim Fox, our versatile Equipment Operator at the El Dorado Station. He has just been appointed Assistant Ranger. His departure will mean that for the first time in about 19 years the El Dorado Ranger Unit will be without the services of any of the Fox brothers.

Many of us are beginning to miss the News Letter these days and we would like to pep things up around the Division to once again have an issue printed on a monthly basis. Surely, an organization like ours with its high morale and spirit can produce enough items of interest up and down the State to provide a better News Letter once each month.

With much lack of interest these days, none of us can be proud of this publication. News is so antiquated by the time it reaches the field we feel that we now have a quarterly issue. We should re-establish the monthly deadline



date, appoint some enthusiastic unit reporters and maybe even forward negative reports (?) when no real news exists.

Did you know that all of our retired members receive the News Letter now? They should certainly be asked to drop us a line once in a while too.

Well, what do you think . . . . . should we get the lead out or should we just sit back and have a brilliant "Annual Report" instead?

Jack D. Burke  
State Forest Ranger

#### FROM THE CENTRAL SIERRA TRAINING CENTER

When the twenty fire fighter and project foremen comprising the students of Foreman Class #2 arrived at the Training Center they appeared to be pretty nice people. Their experience ranged from two to twelve years in the Division of Forestry so they pretty well knew their way around. They appeared curious though their reasons for being assigned here as a student ranged from an eager volunteer to being volunteered by their supervisors - you, you, and you. One thing they seemed to have in common, though, and was never once expressed but showed in their faces, was an underlying attitude of "Well, here I am - teach me something - I dare you!" Frankly, we couldn't blame them because how many times have all of us been exposed to Forestry training sessions that have run the gamut of avid enthusiasm to sheer boredom. Therein lies the first challenge of having to produce something out of thin air that won't smack of the "same old stuff only more of it."

Now is the time to bring into play the thousands of man hours of research, study, conferences, experiments and training aid development that lie hidden behind the scenes of the job at hand. Sure, anyone who has read up on some of these subjects can stand up and lecture on his experiences and the books and pamphlets he has read and get away with it providing he keeps serving no-doze pills by the jug-full. But, that's the twilight zone of a mediocre training session and we aren't after mediocrity. So the months of predesigned preparation are transformed into as near a dynamic five weeks on Forestry foremanship as possible considering physical and structural limitations.

We employed every trick, method, and gimmick in the training book and admittedly a little theatrics. Every type of training atmosphere prevailed in the instruction of the 24 courses in the five-weeks' period. Mathematics, equations, and formulas flew and the mental machinery smoked under the press of courses like hydraulics, maps, and area estimation, etc., which made the classroom look like a high school math class. An atmosphere of a manual arts shop appeared on such subjects as equipment service principles, chain saws, pumps, etc. Parts, pieces, and cutaways were spread out all over the place as the group pursued the intricacies of two and four cycle internal combustion engines, gear, and centrifugal pumps, etc. Not to be mechanics, but to intelligently supervise the use and operation was the aim of this instruction. Tough head scratching problems were encountered in classes of a physics and science nature dealing with fire and weather. Everything from the atomic and chemical properties of fire, heat exchange, and energy release was explored in the fire physics portion going into the mysteries of gradient winds, highs and lows of air aloft to microclimate right on the ground. To enhance the learning in these areas, we tried to insert one hour of lab work for every two hours of classroom. This approach allowed instructors and class members alike to demonstrate with the aid of instruments such as the pyrometer for one, the many physics theories such as radiant heat decreases inversely with



the square of the distance from the fire, etc. Large quantities of premixed fuels were burned on slope and sand tables typifying many topographical, slope, and aspect features of fire behavior. Wind was introduced by use of small fans powered with fractional horse motors trying to reproduce actual conditions in a smaller scale. Experiments were conducted on destructive distillation and the burning of gaseous vapors from forest fuels to visible effect of atmospheric pressure, producing visually the dew point temperature, etc. Some classes were open group discussion which sometimes became pretty avidly enthusiastic as in the case of fire size up and initial attack strategy where 116 collective years of CDF foreman student experience from four districts representing 14 counties and 4 camps contributed greatly to the prepared information. So enthusiastic were the discussions at times that you had to be right on your toes to get a word in edgewise. Especially, for example, when sons of the Humboldt-Mendocino redwoods were defending their local field problems against the skepticism of several disbelievers from the brush and watershed or pine regions, or vice versa. But you know, this is real healthy and enlightening to be made aware of and think about the other guy's problems and to realize conditions elsewhere in the State other than in the balliwick in which one grew up. As a matter of fact, this interexchange of information, knowledge and problems is one of the greatest assets that come out of this school. In fact it was often expressed that we would like to hear what people from the southern part of the State would have to say as these problems were presented, discussed, and argued. Many strategems and tactics were reproduced in miniature on the sand table using various topographical features, fuel, and weather conditions and employing model bulldozers, firetrucks, hose lays, handcrews, etc., to reproduce actual fire problems. The class on major fire organization was a good example of this where fire camp was actually set up in conjunction with the model fire problem on the sand table. Fire spread in size and magnitude (in miniature) coincided with line and camp expansion. To keep the boys from becoming too smug with their fire managerial ability we introduced knotty little problems to cope with such as blow-up conditions, breakdown of equipment, and injuries to men. How? Well, that was simple. For example, wait till the psuedo-line overhead based their plan on a dozer getting around a certain piece of line, then sneak over and jerk a track off their model and then exclaim that their most critical unit was 10-7, having thrown a track! Talk about realistic confusion! Actual field problems added realism to many subjects and problems.

The classes and pressure of time and intense study continued. The thought-provoking tangibles and intangibles of forest and fire laws were studied under the guidance of FPO Lou Gerlinger, while the problems of fire prevention and public relations was dissected, mulled over, and reassembled under Frank Quadro's capable direction. Don Knowlton adroitly led them all through a noggin twisting session for three days on supervision, human relations, counseling and interviewing, etc., in an effort to make them "human supervisors". Embarrassment of being exposed as a "blabber mouth" or "Timid Tim" was eventually replaced by an awareness of what makes people tick and why we all behave as we do as group knowledge emerged from the tape recorders, conference boards and group centered discussions.

Through this whole effort was invisibly woven a system of individual evaluation giving each man a chance to see his characteristics good or bad. These mirrored a man's leadership ability and potential, his personality traits, and his work habits, not as he thought he was, but as other people saw him. A sensitive area to bring to light true, but just as important to each man's future advancement potential to him as his academic knowledge.



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One by one the light came on and as graduation day arrived each man expressed his sincere belief that the information, knowledge, and help that had been provided would be of tremendous value.

Deputy State Forester George Grogan gave the class a fine send off as guest speaker, plus issuing diplomas, and made everyone feel as though the hard work had really been worth it. Our greatest gratification as this swell group of friends left us was summed up by an expression one of them made in behalf of the class which was "Thanks for everything, fellows."

By the Instructing Staff of the  
Central Sierra Training Center

#### FORESTRY FOREMANSHIP, CLASS #2, BANKS' GRADUATION ADDRESS

Many hundreds of thousands of words have been delivered from this rostrum in the last five weeks. I don't want to add much more.

No one but you men know how hard each of you worked toward this day. Each one of you experienced discouragement and worry somewhere along the line, but you did not give up nor did your interest lag. The harder it got, the more everyone dug; each on his own problem, each in his own way. For this you have my profound admiration.

One thing must be remembered and never forgotten. And that is today's graduation is not the end but merely the beginning. We, the staff, are convinced that by no stretch of the imagination have we taught you in five weeks all there is to know in this profession we have selected for a career. The only thing we hope we have accomplished is to have helped you do your job better and to have created an awareness of the limitless horizons of information and knowledge that exist but the surface of which we have only scratched. Use your knowledge intelligently and carefully when you return to your home units without making the grave mistake of using it to show someone up. Don't criticize or find fault if things are done differently elsewhere around the State, but see what you can learn from these local methods and theories.

You have been a great crew to have worked with and speaking for the whole staff -- we will miss you all. Goodbye and good luck.

#### KINGS COUNTY

Sandwiching in a few high lights between the usual January activities.

I spoke too soon last month - the flu bug traveled from one station to another making quite a sick list. We're on all fours now.

Much time is being spent on training and our annual sessions will be underway in February. The course will run the gamut from Radio and Telephone Procedures through each facet of Fire Suppression and the use and care of all equipment.

A new Forestry friend is Nancy Ann whose daddy is Frank Hames, Corcoran Senior Fire Truck Driver.

At a glance, it appears that two structural fires in December, with a



combined loss of \$177,000, will spoil our good record for the year.

Vacations will be underway soon. With their start, we all commence day dreaming.

Volunteer Firemen have started their series of annual parties. Their cooking skills have been the source of weight watching these days. Stratford entertained with a dance.

Kings County just completed their 1960 training program. Did not see hide nor hair of Assistant Ranger Luther Routt or F. F. Foreman for three weeks. We had some very skilled instructors on the agenda - Foreman Jesse R. Singhurst of Tulare County, whose course was hose lays, knots, ladders, and pump operations; Forest Fire Prevention Officer, Ranger Richard Ford and Assistant Fire Prevention Officer Robert Voss of the District Office, who showed the crew the why and wherefore of fire prevention, fire investigation, and railroad and power company reports; Mutual aid was discussed by Mid Valley's Associate Ranger Alvin Filippini of Sanger; Working Agreements With Other Counties and Dispatching Procedures was the theme of Assistant Ranger Eugene Martin of Pleasant Valley. Representatives of utility companies discussed phases of fire suppression, and a member of the county health insurance plan reviewed the operation of its program here.

Ranger and Mrs. C. E. Lindley were recent guests of the 12th Naval District. Along with members of the Kings County Navy League they visited the U.S.S. Ranger, aircraft carrier, in port of Alameda; saw the Treasure Island naval installation and the Hunter's Point shipyards. The two-day visit ended with a cruise on the Bay riding high on the Great Golden Fleet.

Much excitement around here. The Lindleys have a new trailer -- complete with every modern convenience. It is a beauty and on its first run to Morro Bay. They are also the new owners of a magnificent Quarter Horse named Terra. Hope it becomes a winner.

The grain growing across the road looks wonderful again this year.

Florence P. Appell  
Dispatcher Clerk

#### MARIPOSA RANGER UNIT

On the road to recovery is N. O. Stephens, ASFR, who has been off the job since December 18, 1959, after having a very rugged battle with double pneumonia. Hope to have "Steve" back on the job about February 1, 1960.

All of our personnel recently completed a standard and advanced First Aid Course. Our instructor was Brad Williams, Associate Ranger from Madera Ranger unit, and - needless to say - Brad did his usual "bang-up" job and all of us send along our "thanks." So - a word of warning to all of you might venture into Mariposa County - - practice Safety or some Forester with a hungry look in his eye might appear upon the scene to help (?) you!

The flu bug has been raising havoc with our winter work and training programs. At one time we counted at least seven missing from twenty-three permanent employees, it slows things down.



Sending Dave Appling to Visalia last winter on loan from Mariposa was a turning point in his life - for there he met the gal who became "Mrs. J. David Appling" this month. We have not yet had the pleasure of meeting her for Dave has been on vacation all month, but we wish him our congratulations and best wishes for a long and successful partnership!

Thomas J. Perkins  
Associate State Forest Ranger

#### RIVERSIDE COUNTY

District VI, and especially Riverside County employees, were saddened with the passing of long-time employee, Foreman Art Tracy, on December 30, 1959.

Art was born on August 9, 1901, at Mount Pleasant, Iowa. He held various jobs, such as baker, painter, truck driver, compressor man, carpenter, which well qualified him for the CDF when he came to work in 1939. Except for a two-year break in service in 1941-43, Art worked continuously for the Division.

Art was well known for his fine fire camps and for his fire prevention exhibits that he constructed and displayed throughout the county. Members of the Quail Valley Volunteer Fire Department will long remember his fine work with them.

Art was well known and liked throughout the Division and everyone will surely miss him.

David L. Flake  
Assistant State Forest Ranger

#### CALIFORNIA FIRE CHIEFS ASSOCIATION, SOUTHERN DIVISION, MET IN LOS ANGELES

At a meeting of the California Fire Chiefs Association, Southern Division, held at Los Angeles on January 29, 1960, James K. Mace, Deputy State Forester for the California Division of Forestry, Southern California area, was elected president of the California Fire Chiefs Association, Southern Division. This marks a first for Deputy Mace, as no other Division of Forestry representative has attained this office.

The California Fire Chiefs Association was formed in 1948 with the primary objectives and purposes of the Association being the promotion of uniformity of thinking and action among fire chiefs relative to fire protection policies, to provide a medium of exchange of information and ideas between fire chiefs, and to strive to improve the efficiency of the fire chiefs in general.

Deputy State Forester Mace will serve a two-year term as president of the Southern Division, which is comprised of all the area of the State of California that is south of the southern boundary line of Monterey, Fresno, and Mono Counties. The Northern Division is the area north of this line. Both Divisions are responsible to the parent organization, the California Fire Chiefs Association.

It was not by chance that the motto "uniformity in fire administration" was chosen as a guide for this organization. Just a few years ago the only chief vitally concerned with a fire was the responsible chief and his immediate neighbors. In this day, we frequently see federal, state, county, district, and city men and equipment from widely scattered areas coordinating their activities at the scene of a fire



toward a common goal.

Deputy Mace is convinced of the value the California Fire Chiefs Association affords the individual while the Association also strives to improve the fire service in general.

Jack T. Skeels  
Associate State Forest Ranger

#### DISTRICT VI

Growth, growth, growth!! People bring changes. Riverside County Supervisors are setting up a Weed Abatement Section under Ranger Holland. Assistant Ranger Ed Karman will head it up assisted by Foremen Bob Caplinger and Jack Sherman. Leaving District VI from Riverside County is Foreman Don Conarro, becoming Assistant Ranger in Amador County. Also going north is Dispatcher Loren Baldwin as Assistant Ranger at Lake County. Newly opened is Pilot Rock Conservation Camp under Supervisor Joe Griggs.

A different kind of camp is starting in the San Jacinto Mountains. It is named "Camp Joe Scherman." One might guess that our own Ranger Scherman is the one being honored. Such is the case, and it is by the Orange County Girl Scout Council in recognition of his many years of service to youth organizations.

Another death has occurred in this District. Foreman Don Christensen of Orange County passed away recently due to bronchial pneumonia. Don was very well known and respected locally.

Douglas M. Glenn, Dispatcher

#### FROM SOUTHERN CALIFORNIA TRAINING CENTER

The third group of Forest Fire Truck Drivers for our 1959-60 Training Program graduated from the Southern California Training Center, February 5, 1960. This, the thirteenth group of drivers, involved many "unusual" happenings. Within the first few days many of the men were down with the flu (an epidemic of major proportions was on in the southland). All of them had at least a touch of the flu sometime during the course, including the Training Center staff and some instructors. On the 26th the men participated in rescue work -- a Cessna 180 which crashed during inclement weather at night into the side of Mt. Woodson above the Training Center at about the 2500' level killing the pilot on impact. The trainees located the survivor tracking his calls for help, diagnosed his injuries, administered first aid, using brush hook handles, canteen straps, and torn CDF blankets to splint broken bones, and aided in carrying the man several hundred yards up the steep mountain to an ambulance on the Mt. Woodson truck trail after cutting a trail through the head-high brush.

Forest Fire Truck Drivers in this class were:

Carl A. Bjork, District VI, Riverside County  
Arthur D. Cole, Jr., District VI, Riverside County  
Terence Devlin, District VI, San Bernardino County  
Willard E. Donaldson, District VI, Riverside County  
Ronald L. Frazier, District VI, Orange County



Ronald A. Graham, District VI, Riverside County  
Reuel W. Green, District IV, Tulare County  
Donald S. Hedges, District VI, Riverside County  
Bill E. Hickman, District IV, Tulare County  
Gary O. Martin, District VI, Orange County  
Scott Millheim, District IV, Fresno County  
William P. Peyton, District IV, Fresno County  
Sid L. Presley, District IV, Tulare County  
Richard J. Rehn, District V, Monterey County  
Gary K. Schultz, District IV, Tulare County  
Berl L. Slinkard, District IV, Fresno County  
Marvin Stuefloten, District VI, San Bernardino County  
Lee G. Wright, District IV, Fresno County  
Ernest J. Zurilgen, District IV, Fresno County

We wish these men success in their careers with the Division of Forestry.

Associate Ranger Don Russell spent a very profitable week at Central Sierra Training Center at Sutter Hill, January 25-30, observing and noting operations during their Forestry Foremanship Course. It is expected that one of their staff will pay us a visit soon. Ideas and information exchanged should help toward improvement of our Training Center operations.

W. G. Francis  
State Forest Ranger  
Southern California Training Center

LETTER TO BILL MERLE, IRON MINE CAMP, FROM J. W. HUTCHISON, DIRECTOR OF PHYSICAL PLANT, ORGANIZING COMMITTEE, VIII OLYMPIC WINTER GAMES

"Now that the VIIIth Olympic Winter Games are concluded, we hasten to write you and express our deep gratitude for your invaluable assistance. Without your help our task would have been much more difficult.

"As you undoubtedly know, the Games were proclaimed the best in history and naturally we of the Organizing Committee are justly proud. We hope that you feel proud of the role you played.

"Our sincere thanks again for your unselfish efforts and your devotion in assisting us in staging this great international classic."



